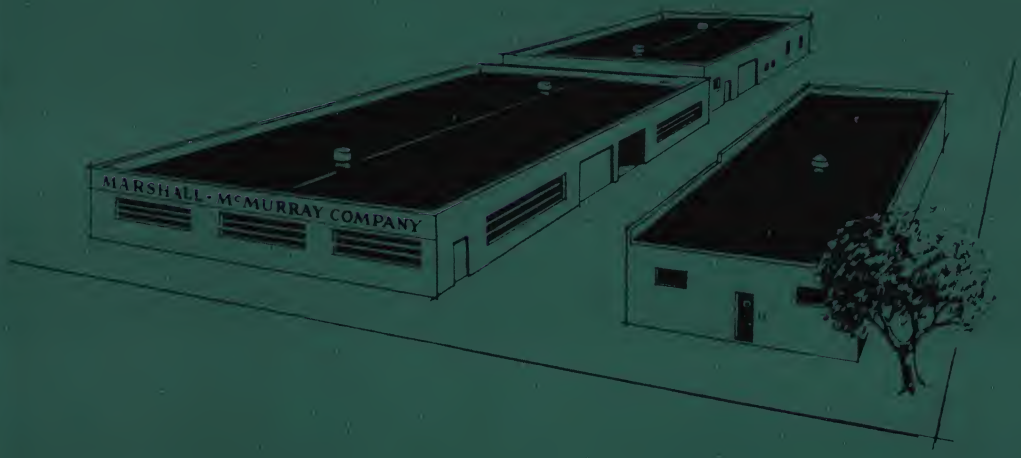
MARSHALL-McMURRAY CO.

manufacturers of quality

DRAPERY HARDWARE

- residential
- commercial
- stage



factory
Burbank, California

sales office and
warehouse

MARSHALL-McMURRAY CO.
LOS ANGELES, CALIFORNIA

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Marshall-McMurray Co.

Marshall-McMurray Co., pioneer in the development and manufacture of Quality Drapery Hardware for the past quarter century, now presents to the architectural profession the latest designs and mechanisms and the most comprehensive line available in drapery hardware. Extensive use of this equipment in commercial buildings and wide acceptance by school and institutional authorities are your assurance that these products are made to the highest standards of excellence and performance. For your specification convenience the following pages show a few of our many items which assure you quality and versatility.

architects service bureau

As a special service to architects we maintain a complete staff of highly trained and thoroughly experienced specialists. These men are ready to assist you with any window covering or stage curtain problem. For information regarding this service or any special product application, please contact the Marshall-McMurray general office in Los Angeles.

traverse track use factors

residential and light commercial uses

These tracks are primarily designed for window openings less than 15 feet in width. They employ carriers which slide within the track frame and are described in the selector chart at the right as numbers 650, 1650, 750 and 1750. For window openings wider than 15 feet we recommend roller carrier tracks numbers 5 or 150 which are often used for commercial installations.

All tracks noted above may be ceiling or wall mounted to suit your job conditions.

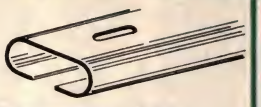
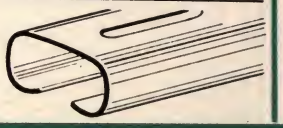
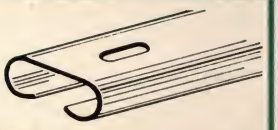
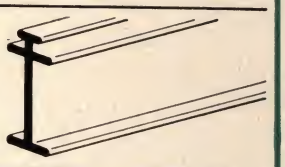
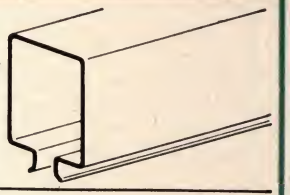
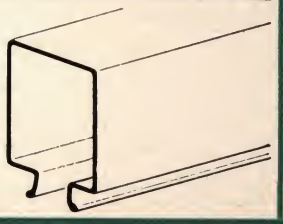
commercial uses

These tracks are designed for window openings of any width and are primarily used in hotel, theater, restaurant, school, church and public building installations. All master carriers, carriers and side pulleys have nylon wheels or nylon sheaves with ball bearings; all tracks may be either ceiling or wall mounted.

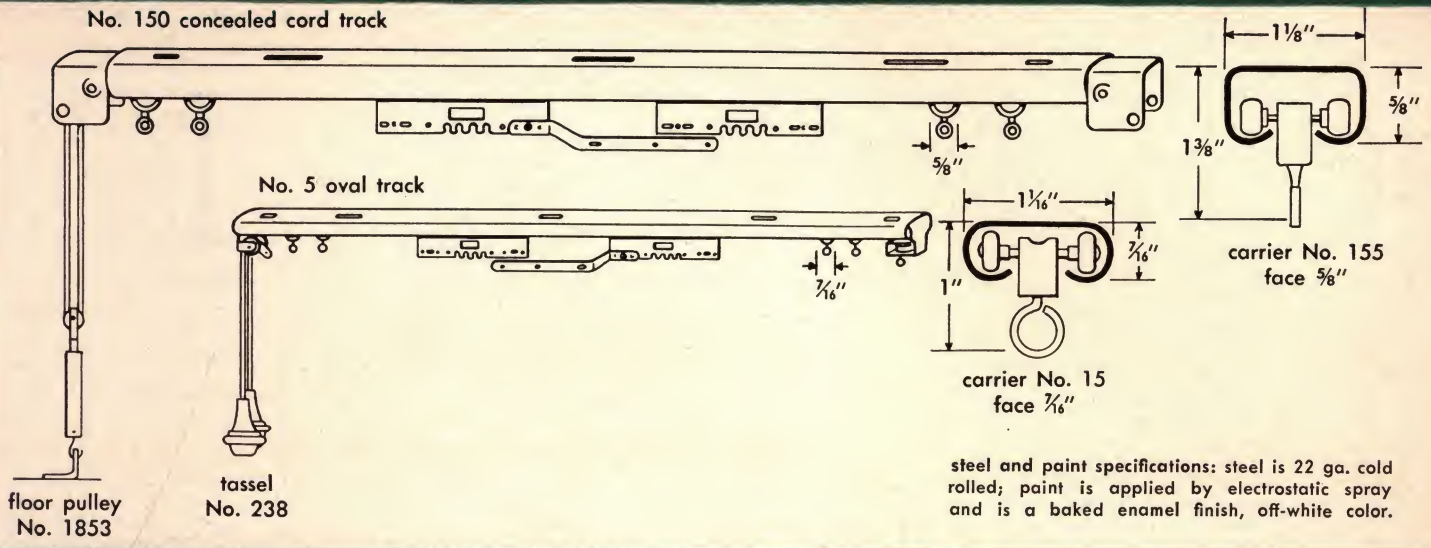
stage tracks

Designed for theater and stage installations, these one-piece tracks readily accommodate the largest, smallest and/or most complex conditions. Carriers are equipped with neoprene or nylon tread for silent operation. Because most of this work is custom design we suggest that you contact us as to your particular requirements. No attempt is made in this catalog to outline a solution to any given or standard problem, or to enumerate the components necessary.

selector chart

description	track	shape	page
residential and light commercial tracks			
slide carrier tracks For windows up to 15′ wide and lightweight fabric . . . ceiling or wall mounted . . . for ceiling mounting allow 1″ to 4″ projection from wall to center of track . . . installed after construction work is completed . . .	No. 650 light duty No. 1650 heavy duty		8
	No. 750 light duty No. 1750 heavy duty		8
	No. 150 heavy duty roller track		3
commercial tracks			
roller carrier tracks Adaptable to all commercial applications for window coverings of any width and all weights of fabrics . . . ceiling or wall mounted . . . surface, soffit or recessed installations . . . No. 150 track is ideal for plaster and soffit mounting . . . choice of nylon or nylon sheaves with ball bearings . . .	No. 5 roller track		3
	No. 150 heavy duty roller track		3
	No. 312 I Beam		4
	No. 314 T Beam		4 5
accessories			
Accessories for all tracks are carefully chosen and designed to further insure the completeness and workability of the Marshall-McMurray line.			5
stage track			
The two units shown are typical and will carry light or heavy duty curtains or drapery . . . all opening sizes can be accommodated . . .	No. 1200 medium duty aluminum channel track		6
	No. 1000 straight heavy duty steel channel track No. 2000 curved		6
specifications			
Selection of Marshall-McMurray track, hardware and accessories will provide the optimum in this field . . . for items to be included in your standard specification see the back cover.			8

heavy duty roller carrier track and equipment No. 150 • No. 5



steel and paint specifications: steel is 22 ga. cold rolled; paint is applied by electrostatic spray and is a baked enamel finish, off-white color.

uses

Listed here are a few representative uses and typical installations. Absence of any specific use does not mean that it is not suited. If there is any question please contact us.

No. 150 track—for residential windows, schoolroom darkening, audio-visual purposes, offices, hotels, hospitals, public buildings.

No. 5 track—uses named for No. 150 apply here, but since track requires outside cords, it is normally not used in residences.

advantages

All Marshall-McMurray products guarantee the highest quality material, finish and workmanship. Roller and master carriers and end pulleys have nylon wheels for smooth, quiet operation. Tracks are inconspicuously mounted on wall or ceiling.

No. 150 track—this is the only track on the market which has a concealed cord and all nylon roller carriers. Installation is simple; smooth, quiet operation results from nylon roller carriers, nylon roller master carriers and nylon sheaves with ball bearings in end pulleys. No. 150 track may be secured in solid brass (No. 150B) for installations recessed in plaster or in areas of extreme humidity.

No. 5 track—the advantages named for No. 150 also apply here, however, this track may be rigged after the installation is complete.

additional data

Operation may be by cord and tassel, batons or lead lines, or by cord attached to floor pulleys. Three carriers per foot of track are recommended for commercial installation, and seven per two foot length for residential. No. 5 and No. 155 carriers have ⅝" nylon wheels and are designed to carry up to 20 lbs. each. Master carriers provide a 5" overlap for single drapes and 10" for double.

current installations

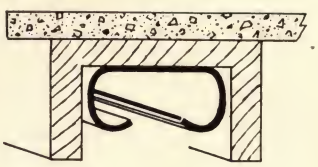
Here is a partial list of current installations on which Marshall-McMurray drapery hardware has been used.

Phoenix School District.....Phoenix, Arizona
No. 150 Track
United States Naval Sonar School San Diego, Cal.
No. 150 Track
Los Angeles Furniture Mart.....Los Angeles, Cal.
No. 150 Track
Torrance School District.....Torrance, Cal.
No. 5 Track
Los Angeles City School Dist.....Los Angeles, Cal.
No. 5 Track

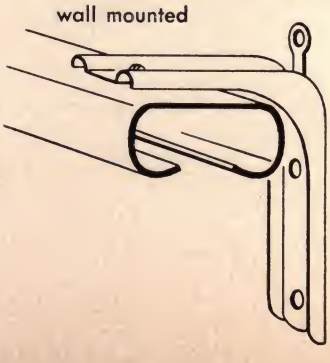
typical installation methods

ceiling mounted

soffit mounted

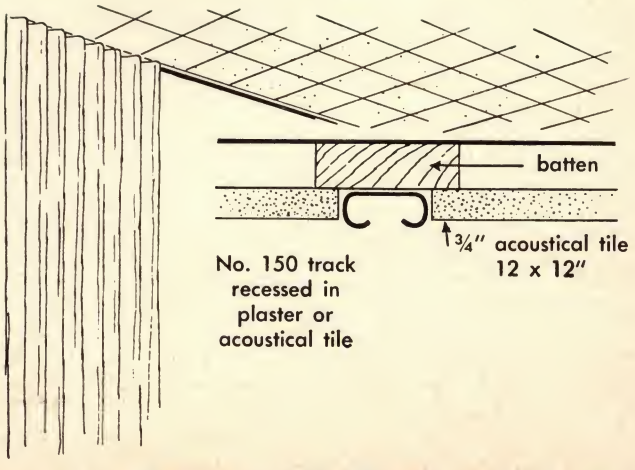


wall mounted



No. 150B solid brass track recessed in plaster

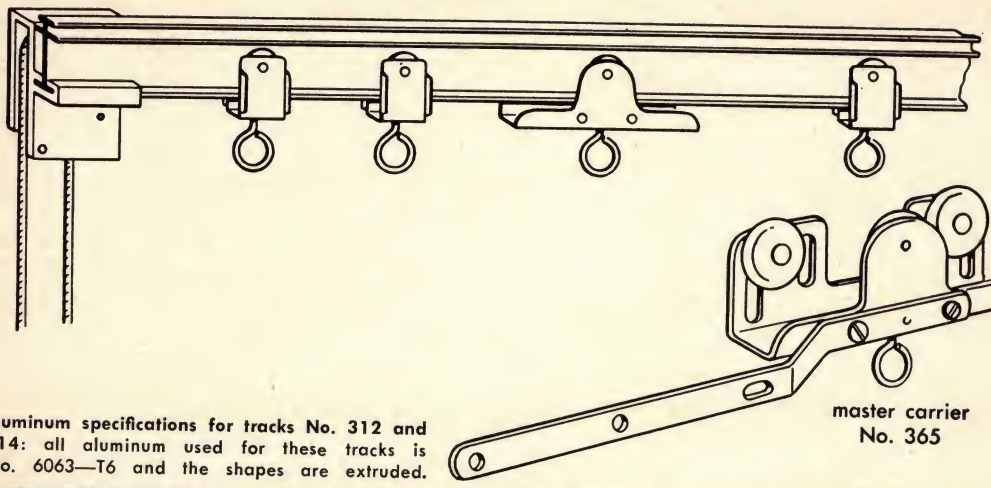
NOTE: If steel track is used in this type mounting, plaster should be set before track is installed.

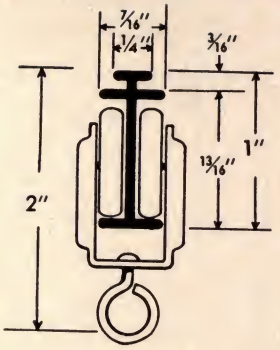


No. 150 track recessed in plaster or acoustical tile

heavy duty roller carrier track and equipment No. 312 aluminum I beam . . .

No. 312 I Beam





carrier No. 359
face ¾"

master carrier
No. 365

aluminum specifications for tracks No. 312 and 314: all aluminum used for these tracks is No. 6063—T6 and the shapes are extruded.

uses

Both tracks, No. 312 and 314, are ideally suited for special contemporary type residential construction, room darkening and audio-visual purposes in schools and institutions, multi-purpose schoolrooms or assembly areas, light duty theatrical uses, large window areas in municipal and public buildings, and drapery area dividers or doors.

advantages

An ideal installation is assured because of the strength of the aluminum extruded shape, and the quiet, efficient operation of carriers with nylon wheels, and nylon sheaves with ball bearings. No. 312 Track can easily be curved on the job. Both track assemblies are ideal for hand draw or mechanical operation.

component parts

master carriers—the new universal **three wheel design** provides smoother operation and a more positive grip on the pull cords, the overlap arm is detachable or reversible. Master carriers are available with nylon, steel or steel ball bearing wheels.

carriers—allow three per foot—drapery loading of 100 lb. per carrier. Carriers are available with nylon, steel or steel ball bearing wheels.

for curved track—No. 330 pulley is recommended at all bends to hold cord on curve radius—see drawing below.

current installations

These few examples are representative of installations using either the No. 312 or 314 track assemblies.

D. C. Collier Junior High School.....San Diego, Cal.
No. 312 "I" Beam

Stardust Hotel.....Las Vegas, Nevada
No. 312 "I" Beam

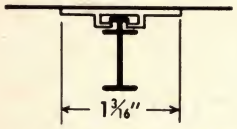
Admiral Chester Nimitz Elementary School
Honolulu, Hawaii
No. 314 "T" Beam

Glendale Public Schools.....Glendale, Cal.
No. 314 "T" Beam

Pasadena City School System.....Pasadena, Cal.
No. 314 "T" Beam

typical installation methods

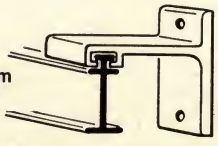
No. 312 I beam
ceiling mounted



No. 314 T Beam

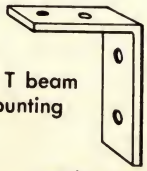
No. 327 ceiling bracket

No. 312 I Beam
wall mounted



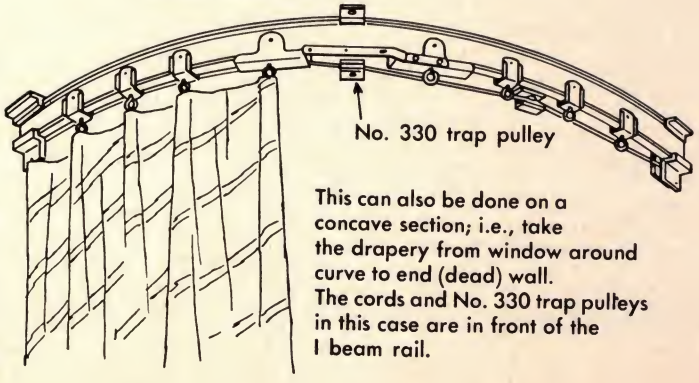
No. 321 bracket—1½" projection
No. 324 bracket—2½" projection

No. 314 T beam
wall mounting



angle iron

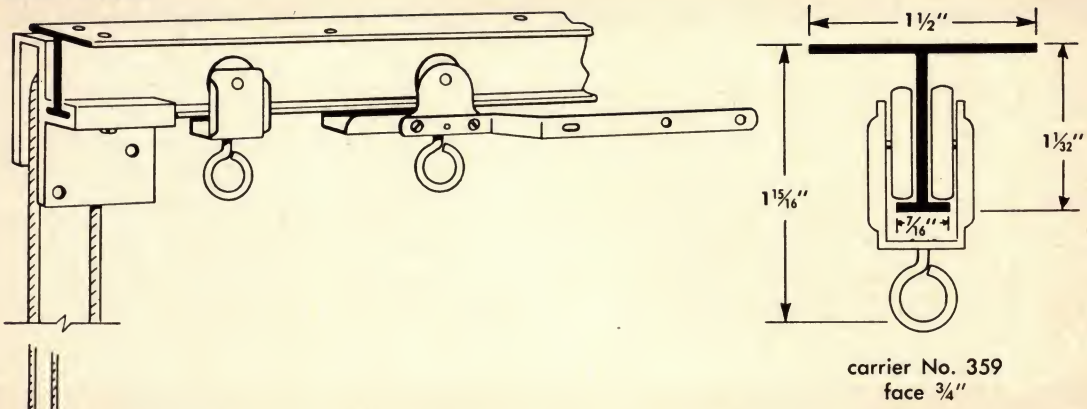
No. 312 heavy duty aluminum I beam rail
curved installation



This can also be done on a concave section; i.e., take the drapery from window around curve to end (dead) wall. The cords and No. 330 trap pulleys in this case are in front of the I beam rail.

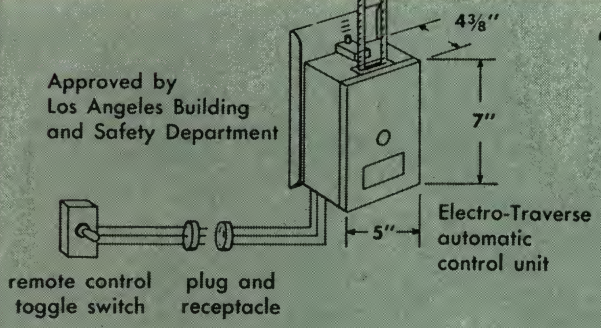
No. 314 aluminum T beam

No. 314 T beam



carrier No. 359
face ¾"

note: for No. 314 specifications and uses, see page 4.



"electro-traverse" control units

The Electro-Traverse motor allows traverse draperies to be opened, closed, or stopped at the touch of a switch. This control can be accomplished at the window, across the room, or from another room. The precision engineered, compact power unit automatically operates traverse draperies up to 25′ wide when used with slide type tracks as shown on page 8. Larger widths, 40 to 45′ and higher, may be automatically traversed when No. 150 heavy duty roller track is used. In all instances a number 4 or 4½ wire center cord should be used.

Outstanding features of the Electro-Traverse units are: smooth, quiet, effortless operation—completely concealed behind draperies—no installation problem—parts are self-lubricated—overload protection, automatically shuts off motor in case of accidental jamming or overheating.

"electro-traverse" No. 200
An economy model that is fully automatic and will open or close to its pre-set stop. Drapery can be stopped, started, or reversed at any point along the travel.

"electro-traverse" No. 250
This is the super deluxe model which requires no external mechanical stops and has the same motor control as is used in large theater curtain controls. For constant control, set dial to opening width; a limit switch obviates all further adjustments.

"electro-traverse" No. 300
A fully automatic control for extra large openings and extra heavy drapes. It has an automatic brake which stops the motor instantly. This motor is larger than the one shown above. For specific details contact the Marshall-McMurray representative near you.

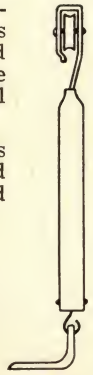
drapery hardware accessories

floor pulley—provides constant tension on traverse cord, eliminates cord sagging, and holds draperies in position at all times. Easily mounted on floor, out of sight behind draperies. Available with nylon wheels or nylon sheaves with ball bearings.

In No. 1853 deluxe floor pulley, the spring is enclosed in a metal tube. No. 753 has exposed spring and nylon wheels. No. 1753 has exposed spring and nylon sheaves with ball bearings.

cord weights (tassels)—provide constant tension on traverse cord by means of dead weight which restricts free movement of cord and prevents tangling. Metal tassels covered with plastic jackets will not deface wall surfaces.

tassel
No. 238—
4¼ oz.
No. 239—
2¾ oz.



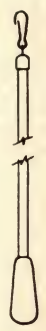
No. 1853
Nylon ball
bearing
wheel

No. 753
Nylon wheel
No. 1753
Nylon ball
bearing wheel

cord—specify a fiber glass interior core with cotton covering to eliminate cord stretch. A No. 4 or 4½ cord should be used with roller type tracks.

baton and lead lines—batons or lead lines are used when draperies are not mechanically traversed, but are manually drawn, and when window heads are high above floor. They are mounted at the leading edge of the draperies and are attached to the master carriers.

lead line
(tassel and
cord)



baton
30", 40"
and 50"
lengths

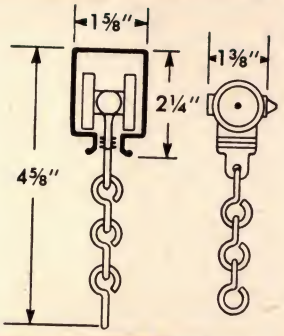
Tru-Roll No. 1200 medium duty aluminum track

uses—especially useful for small stages, television studios, lobby draperies or larger than average home draperies.

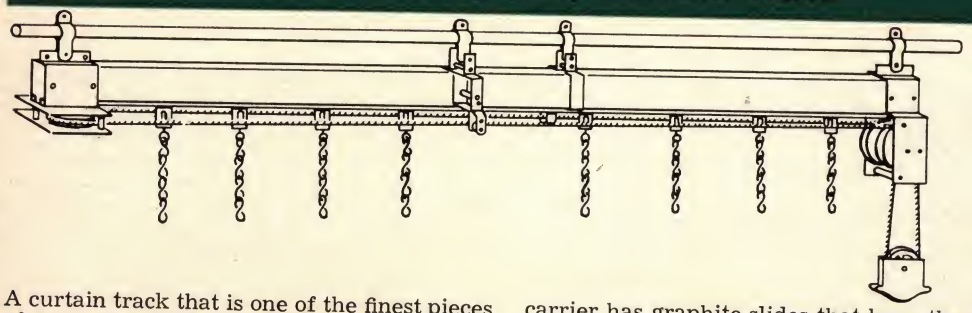
features—the aluminum channel is an extruded shape with a satin smooth finish surface and incorporates the reverse flanges of the No. 1000 track for perfect alignment of carriers at all times. The carrier also is modeled after our heavy duty type with the nesting feature molded into the all nylon body. Nylon wheels make the carrier a completely silent unit.

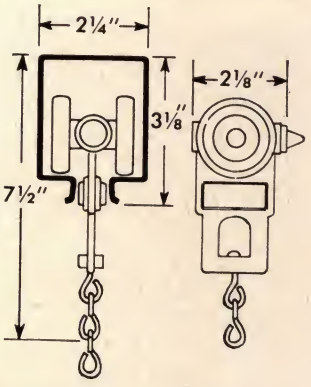
aluminum specifications—made of 6063 aluminum alloy which weighs .559 lb. per foot.

component parts—complete track consists of head block, tail block, two master carriers, floor tension block and carriers spaced 12" on center. Nylon covered aircraft cable for operating line can be supplied as required.



Tru-Roll No. 1000 heavy duty curtain track

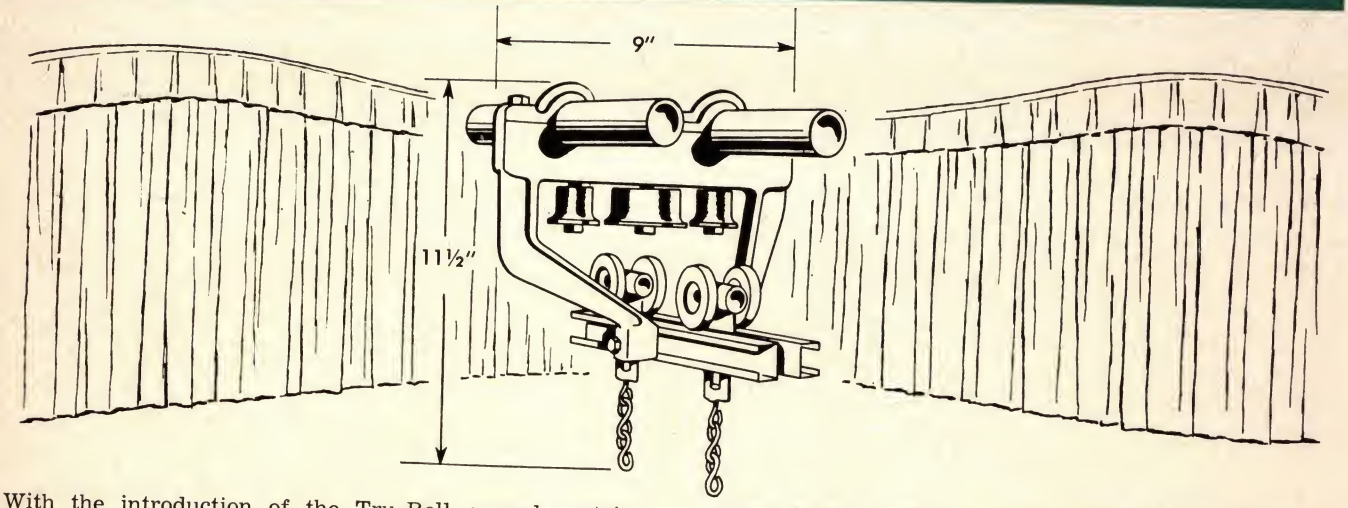




A curtain track that is one of the finest pieces of equipment of its kind. Designed and engineered to provide non-fouling operation with carriers which nest into one another using neoprene rubber bumpers.

The carrier tires are also of neoprene which offers a smooth, silent operating track. Each carrier has graphite slides that keep the carriers aligned at all times by means of the unique reverse flanges of the heavy duty, one-piece galvanized steel track. Head and tail blocks have machine grooved iron sheaves to accept ⅜" operating lines. Bearings are of hardened steel and are fitted for pressure lubrication.

Tru-Roll No. 2000 heavy duty curved track



With the introduction of the Tru-Roll curved curtain track, a new era of theater presentation has opened. Custom created to your exact specifications on any radius from 5' up, including reverse curves.

Track is provided with master carriers, single carriers 12" on center. Standard head block and tail block with 5" diameter ball bearing sheaves and ¼" wirelon operating line. Special hangers provided at 6' on center.

unique features—full reverse curves, silent operation, single motor controls, wirelon control lines, quick and easy assembling of track; carriers may be added or removed without disassembling of track, choice of motor control locations at either end of track or backstage; where height is limited, control lines can be rigged with ease for two-to-one operation, long wearing neoprene tread carriers same as used in the No. 1000 track provide non-fouling operation.

Santa Monica Civic Auditorium, Santa Monica, California *Designed by Welton Becket & Associates*

The complete installation of rigging and draperies by R. L. Grosh & Sons Scenic Studios was made using Tru-Roll Hardware throughout.

a service to architects

Upon request typical stage drawings will be supplied showing various types of Counterweight Systems—either T-Guide or Wire Guide, and Asbestos Curtain installations—motorized or manual operation.

Our engineering staff will assist in any particular problem involving the movement of draperies, turn tables, band stands or any other specialty item.

installations using Tru-Roll hardware

Cinerama, Inc.....installations in the United States, Europe, Asia, South America and Hawaii
Cinemiracle.....New York, Los Angeles, Chicago
Todd-AO.....New York, Los Angeles, Milwaukee
Provincial Auditoriums.....Edmonton and Calgary, Alberta Province
Long Beach State College.....Long Beach, California
CBS Television City.....Hollywood, California

TRU-ROLL

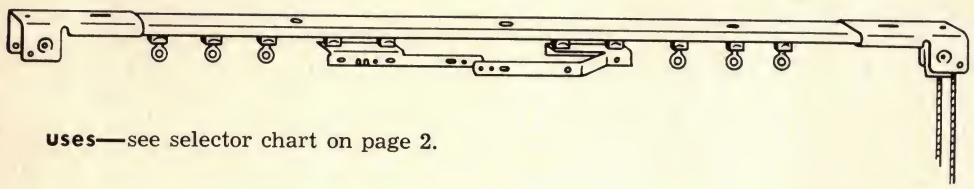
Manufacturers of Theatrical Hardware

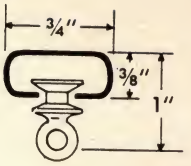
residential
light commercial

quality drapery hardware

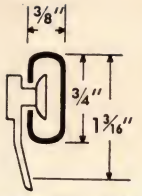
slide carrier track and equipment

standard track—for ceiling No. 650; for wall No. 750





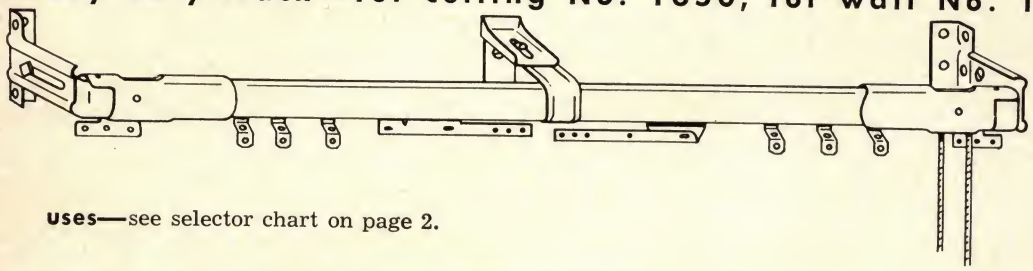
carrier No. 800
face 15/32"

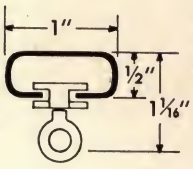


carrier No. 700
face ½"

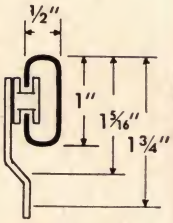
uses—see selector chart on page 2.

heavy duty track—for ceiling No. 1650; for wall No. 1750





carrier No. 681
face ½"



carrier No. 7811
face ½"

uses—see selector chart on page 2.

advantages

Marshall-McMurray is the only manufacturer of drapery equipment to use nylon sheaves with ball bearings in end pulleys.

Brackets for wall mountings provide a track projection from the wall of ¾" to 4½". All tracks shown on this page can be easily installed in new or existing construction. All assemblies may be adapted to suit your conditions.

additional data

Operation may be mechanical, manual or electrical (see page 5). Allow three carriers per lineal foot of track. These tracks may be curved to a predetermined radius and may be detailed for installations harmonizing with your spcific design requirements. For any products or conditions not shown in this catalog, please contact Marshall-McMurray Co.

specifications

Short form—All drapery and curtain hardware shall be of the type and quantity noted on the drawings and shall be as manufactured by the Marshall-McMurray Co., 631 San Julian St., Los Angeles, Calif.

In adding to this brief form specification, and in the event that a more complete description is required, please consider the following items:

1. Identify track as standard, or heavy duty slide track, or roller track, and include catalog number. State steel, paint, or alloy specifications as case may be.
2. Where track is to be wall mounted, indicate the projection desired.
3. Identify pulley sheaves, master carriers and carriers. If specifying roller type track, state the type of wheels —nylon, steel, or ball bearing.
4. Indicate whether cord is to have fiberglass or wire center.
5. Include all accessories such as tassels, floor pulleys, etc.
6. Note method of operation as manual (hand draw), traverse, tassels on endless cord (floor pulley), or electric by remote control.

Note: The Marshall-McMurray Co., is ready to and capable of helping with preparations of plans and specifications at no cost or obligation to your firm.

MARSHALL-McMURRAY CO.

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